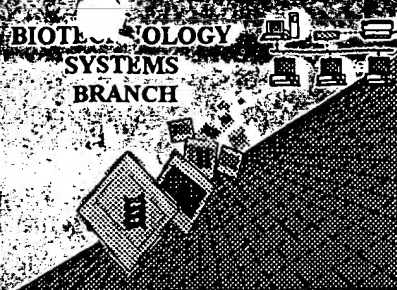# RAW SEQUENCE LISTING
# ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/724,964_

Source: _OIPE_

Date Processed by STIC: _10/1/2001_

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**
**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**
**1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE**
   **APPLICANT, WITH A NOTICE TO COMPLY or,**
**2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A**
   **NOTICE TO COMPLY**
**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**
**PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)**
**PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u>
<u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

## Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program
employing a logical and intuitive user-interface to check whether a sequence listing is in
compliance with format and content rules. Checker Version 3.0 works for sequence listings
generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old
rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual
Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-
compliant. Checker allows public users to check sequence listings in Computer Readable form
(CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence
listings, thus saving time and money.

<u>Checker Version 3.0 can be down loaded from the USPTO website at the following address:</u>
**http://www.uspto.gov/web/offices/pac/checker**

RAW SEQUENCE LISTING                 DATE: 10/01/2001
PATENT APPLICATION:  US/09/724,964   TIME: 15:12:49

Input Set : A:\CIBT-P01-080 SeqList.txt
Output Set: N:\CRF3\10012001\I724964.raw

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   3 <110> APPLICANT: Crompton, T.
   5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REGULATING LYMPHOCYTE ACTIVITY
   7 <130> FILE REFERENCE: CIBT-P01-080
   9 <140> CURRENT APPLICATION NUMBER: 09/724,964
  10 <141> CURRENT FILING DATE: 2001-09-13
  12 <150> PRIOR APPLICATION NUMBER: 60/168,112
  13 <151> PRIOR FILING DATE: 1999-11-30
  15 <160> NUMBER OF SEQ ID NOS: 28
  17 <170> SOFTWARE: PatentIn Ver. 2.1
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ERRORED SEQUENCES

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 166 <210> SEQ ID NO: 6
 167 <211> LENGTH: 1425
 168 <212> TYPE: DNA
 169 <213> ORGANISM: Homo sapiens
 171 <400> SEQUENCE: 6
 172 atgctgctgc tggcgagatg tctgctgcta gtcctcgtct cctcgctgct ggtatgctcg 60
 173 ggactggcgt gcggaccggg cagggggttc gggaagagga ggcaccccaa aaagctgacc 120
 174 cctttagcct acaagcagtt tatccccaat gtggccgaga agaccctagg cgccagcgga 180
 175 aggtatgaag ggaagatctc cagaaactcc gagcgattta aggaactcac ccccaattac 240
 176 aaccccgaca tcatatttaa ggatgaagaa acaccggag cggacaggct gatgactcag 300
 177 aggtgtaagg acaagttgaa cgctttggcc atctcggtga tgaaccagtg gccaggagtg 360
 178 aaactgcggg tgaccgaggg ctgggacgaa gatggccacc actcagagga gtctctgcac 420
 179 tacgagggcc gcgcagtgga catcaccacg tctgaccgcg accgcagcaa gtacggcatg 480
 180 ctggcccgcc tggcggtgga ggccggcttc gactgggtgt actacgagtc caaggcacat 540
 181 atccactgct cggtgaaagc agagaactcg gtggcggcca aatcgggagg ctgcttcccg 600
 182 ggctcggcca cggtgcacct ggagcagggc ggcaccaagc tggtgaagga cctgagcccc 660
 183 ggggaccgcg tgctggcggc ggacgaccag ggccggctgc tctacagcga cttcctcact 720
 184 ttcctggacc gcgacgacgg cgccaagaag gtcttctacg tgatcgagac gcgggagccg 780
 185 cgcgagcgcc tgctgctcac cgccgcgcac ctgctctttg tggcgccgca caacgactcg 840
 186 gccaccgggg agcccgaggc gtcctcgggc tcggggccgc cttccggggg cgcactgggg 900
 187 cctcgggcgc tgttcgccag ccgcgtgcgc ccgggccagc gcgtgtacgt ggtggccgag 960
 188 cgtgacgggg accgccggct cctgcccgcc gctgtgcaca gcgtgaccct aagcgaggag 1020
 189 gccgcgggcg cctacgcgcc gctcacggcc caggcacca ttctcatcaa ccgggtgctg 1080
 190 gcctcgtgct acgcggtcat cgaggagcac agctgggcgc accgggcctt cgcgcccttc 1140
 191 cgcctggcgc acgcgctcct ggctgcactg gcgcccgcgc gcacggaccg cggcggggac 1200
 192 agcggcggcg gggaccgcgg gggcggcggc ggcagagtag ccctaaccgc tccaggtgct 1260
 193 gccgacgctc cgggtgcggg ggccaccgcg ggcatccact ggtactcgca gctgctctac 1320
 194 caaataggca cctggctcct ggacagcgag gccctgcacc cgctgggcat ggcggtcaag 1380
 195 tccagcnnna gccggggggc cggggaggg gcgcgggagg gggcc 1425
 725 <210> SEQ ID NO: 15
 726 <211> LENGTH: 475
 727 <212> TYPE: PRT
 728 <213> ORGANISM: Homo sapiens
 730 <400> SEQUENCE: 15
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732   1               5                  10              15
734 Leu Val Cys Ser Gly Leu Ala Cys Gly Pro Gly Arg Gly Phe Gly Lys
735             20              25              30
737 Arg Arg His Pro Lys Lys Leu Thr Pro Leu Ala Tyr Lys Gln Phe Ile
738 .           35              40              45
740 Pro Asn Val Ala Glu Lys Thr Leu Gly Ala Ser Gly Arg Tyr Glu Gly
741     50              55              60
743 Lys Ile Ser Arg Asn Ser Glu Arg Phe Lys Glu Leu Thr Pro Asn Tyr
744 65              70              75              80
746 Asn Pro Asp Ile Ile Phe Lys Asp Glu Glu Asn Thr Gly Ala Asp Arg
747             85              90              95
749 Leu Met Thr Gln Arg Cys Lys Asp Lys Leu Asn Ala Leu Ala Ile Ser
750         100             105             110
752 Val Met Asn Gln Trp Pro Gly Val Lys Leu Arg Val Thr Glu Gly Trp
753         115             120             125
755 Asp Glu Asp Gly His His Ser Glu Glu Ser Leu His Tyr Glu Gly Arg
756     130             135             140
758 Ala Val Asp Ile Thr Thr Ser Asp Arg Asp Arg Ser Lys Tyr Gly Met
759 145             150             155             160
761 Leu Ala Arg Leu Ala Val Glu Ala Gly Phe Asp Trp Val Tyr Tyr Glu
762             165             170             175
764 Ser Lys Ala His Ile His Cys Ser Val Lys Ala Glu Asn Ser Val Ala
765         180             185             190
767 Ala Lys Ser Gly Gly Cys Phe Pro Gly Ser Ala Thr Val His Leu Glu
768         195             200             205
770 Gln Gly Gly Thr Lys Leu Val Lys Asp Leu Ser Pro Gly Asp Arg Val
771     210             215             220
773 Leu Ala Ala Asp Asp Gln Gly Arg Leu Leu Tyr Ser Asp Phe Leu Thr
774 225             230             235             240
776 Phe Leu Asp Arg Asp Asp Gly Ala Lys Lys Val Phe Tyr Val Ile Glu
777             245             250             255
779 Thr Arg Glu Pro Arg Glu Arg Leu Leu Leu Thr Ala Ala His Leu Leu
780         260             265             270
782 Phe Val Ala Pro His Asn Asp Ser Ala Thr Gly Glu Pro Glu Ala Ser
783         275             280             285
785 Ser Gly Ser Gly Pro Pro Ser Gly Gly Ala Leu Gly Pro Arg Ala Leu
786     290             295             300
788 Phe Ala Ser Arg Val Arg Pro Gly Gln Arg Val Tyr Val Val Ala Glu
789 305             310             315             320
791 Arg Asp Gly Asp Arg Arg Leu Leu Pro Ala Ala Val His Ser Val Thr
792             325             330             335
794 Leu Ser Glu Glu Ala Ala Gly Ala Tyr Ala Pro Leu Thr Ala Gln Gly
795         340             345             350
797 Thr Ile Leu Ile Asn Arg Val Leu Ala Ser Cys Tyr Ala Val Ile Glu
798         355             360             365
800 Glu His Ser Trp Ala His Arg Ala Phe Ala Pro Phe Arg Leu Ala His
801     370             375             380
803 Ala Leu Leu Ala Ala Leu Ala Pro Ala Arg Thr Asp Arg Gly Gly Asp
```

```
     804 385                  390                  395                  400
     806 Ser Gly Gly Gly Asp Arg Gly Gly Gly Gly Arg Val Ala Leu Thr
     807              405              410              415
     809 Ala Pro Gly Ala Ala Asp Ala Pro Gly Ala Gly Ala Thr Ala Gly Ile
     810              420              425              430
     812 His Trp Tyr Ser Gln Leu Leu Tyr Gln Ile Gly Thr Trp Leu Leu Asp
     813          435              440              445
E--> 815 Ser Glu Ala Leu His Pro Leu Gly Met Ala Val Lys Ser Ser Xaa Ser
     816     450              455              460
     818 Arg Gly Ala Gly Gly Gly Ala Arg Glu Gly Ala
     819 465              470              475
```

item 9

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY                    DATE: 10/01/2001
PATENT APPLICATION:  US/09/724,964      TIME: 15:12:51

Input Set : A:\CIBT-P01-080 SeqList.txt
Output Set: N:\CRF3\10012001\I724964.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:195 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
L:815 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:15
L:1448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22